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(54) CYLINDER LINER INSERTED ALUMINUM
CYLINDER BLOCK

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(57) Abstract:

PROBLEM TO BE SOLVED: To equalize a temperature of a liner in an upward and downward direction and/or a circumferential direction.

SOLUTION: An aluminum cylinder block 10 has an inserted cast iron cylinder liner 11, and is formed with a taper inclined in an upward and downward direction at almost the same degree as a core cavity degree of an inner peripheral surface 17a of a water jacket, on an outer peripheral surface 11a of the cylinder liner 11. A lower end of the cylinder liner 11 is formed with a tapered recess 20, and an upper end 21 of the cylinder liner 11 is made thin throughout a predefined size.

